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AUSTIN, TEXAS 78731

MAY 17 2004

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<b>To:</b> Commissioner for Patents	<b>Fax No.:</b> (703) 872-9306 <b>Phone No.:</b>
<b>Date:</b> May 17, 2004	<b>Pages:</b> 11 (including this sheet)
<b>From:</b> Nicole Teitler Cave	<b>Sender's Phone No.:</b> 512-338-6300 <b>Sender's Fax No.:</b> 512-338-6301

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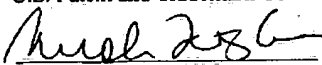
<b>Title:</b> 2.5-D GRAPH FOR MULTI-LAYER ROUTING	
<b>Application No.:</b> 10/058,550	<b>Filed:</b> January 28, 2002
<b>Examiner:</b> Paul Dinh	<b>Group Art Unit:</b> 2825
<b>Atty. Docket No.:</b> 004-5620	<b>Confirmation No.:</b> 3758

**ATTACHED HERETO:**

- (1) Transmittal Sheet (2 pages)
- (2) Response to Office Action (8 pages)

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that, on the date shown below, this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office.

  
Nicole Teitler Cave5/17/04  
Date

Respectfully submitted,

Nicole Teitler Cave, Reg. No. 54,021  
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May 17, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**TRANSMITTAL SHEET**

Applicant: Zhaoyun Xing and Russell Kao  
 Title: 2.5-D GRAPH FOR MULTI-LAYER ROUTING  
 Application No.: 10/058,550 Filed: January 28, 2002  
 Atty. Docket No.: 004-5620 Client Ref. No.: 3758

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- ☒ Response to Non-Final Office action(8 page(s))  
☐ Petition for Extension of Time ( month) ( page(s))  
☐ Information Disclosure Statement ( page(s)), including PTO Form 1449  
 ( page(s)), and copies of reference(s)  
☐ Other: ( page(s))  
☐ Other: ( page(s))  
☐ Other: ( page(s))  
☒ Transmittal Letter (2 pages), in duplicate;  
☐ Return postcard;

The Total Fee has been calculated as shown below:

	Pending Claims	Claims Previously Paid	Extra Claims	Fees
Total Claims	24	- 29 =	0 x \$18.00 =	0.00
Independent Claims	3	- 4 =	0 x \$86.00 =	0.00
Multiple Dependent Claims (if any) - \$290.00 fee				
Additional Claims Fee				\$ .00
Fee For Extension Of Time				
Other Fees: ( )				
<b>TOTAL FEE DUE:</b>				<b>\$ .00</b>

- ☐ Applicant is, or has established status as, a small entity.  
☐ A check is enclosed for the Total Fee shown above.  
☐ Please charge the Total Fee shown above to Deposit Account 50-0631.  
☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 or 1.17 which may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

ZAGORIN, O'BRIEN & GRAHAM, L.L.P.

Commissioner for Patents

RE: 10/058,550

Page 2 of 2

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that, on the date shown below, this correspondence is being

- ☐ deposited with the US Postal Service with sufficient postage as first class mail, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
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Nicole Teitler Cave

5/17/04  
Date

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Respectfully submitted,



Nicole Teitler Cave, Reg. No. 54,021

Attorney for Applicant(s)

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PATENT

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Applicant(s): Zhaoyun Xing and Russell Kao

Title: 2.5-D GRAPH FOR MULTI-LAYER ROUTING

Application No.: 10/058,550

Filed: January 28, 2002

Examiner: Paul Dinh

Group Art Unit: 2825

Atty. Docket No.: 004-5620

Confirmation No.: 3758

May 17, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**RESPONSE TO OFFICE ACTION**

This paper is responsive to a Final Office Action dated March 29, 2004 having a shortened statutory period for response set to expire June 29, 2004. In light of the Amendments and/or Remarks herein, further examination is requested.

Please amend the above-identified application as follows: